

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	2438031	"5903458".pn. (improve\$ or decrease or increase or modify)	USPAT	2006/02/07 15:21
2	BRS	L2	1	"5903458".pn. and (improve\$ or decrease or increase or modify)	USPAT	2006/02/07 15:34
3	BRS	L3	1	"5903458".pn. and (improve\$ or decrease or increase or modify) and computer	USPAT	2006/02/07 15:42
4	BRS	L4	1	"5999187".pn.	USPAT	2006/02/07 15:43
5	BRS	L5	1	"5999187".pn. and mesh	USPAT	2006/02/07 15:45
6	BRS	L6	1	"5999187".pn. and mesh and adjust	USPAT	2006/02/07 15:45

	Type	Ref #	Hits	Search Text
1	BRS	S426	3	(direct adj surface adj manipulation)
2	BRS	S427	1	(direct adj surface adj manipulation) same mesh
3	BRS	S428	1	((direct adj surface adj manipulation) same mesh) and domain
4	BRS	S429	0	((direct adj surface adj manipulation) same mesh) and domain and sketch
5	BRS	S430	0	((direct adj surface adj manipulation) same mesh) and domain and suface
6	BRS	S431	0	(direct adj surface adj manipulation) and sketch and plane



"Paul Joseph Stewart"

Search

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Tip: Try removing quotes from your search to get more results.

Your search - **"Paul Joseph Stewart"** - did not match any articles.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try your query on the entire web.

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



direct surface manipulation "Yifan Chen"

Search

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)
ScholarResults 1 - 5 of 5 for direct surface manipulation "Yifan Chen". (0.06 seconds)

Tip: Try removing quotes from your search to get more results.

Surface Feature Parametrization Analogous to Conductive Heat Flow - group of 2 »

ALMA Mem, Y Chen, PJ Stewart - Journal of Computing and Information Science in Engineering, 2002 - link.aip.org

... Du, H., and Qin, H., 2000, "**Direct Manipulation** and Interactive Sculpting of PDE Surfaces," Computer Graphics Forum (Proceedings of Eurographics 2000 ...[Web Search](#) - [BL Direct](#)**Constrained Shape Scaling of Multi-Surface Objects - group of 5 »**

P Zhang, C Zhang, F Cheng - doi.ieeecs.org

Constrained Shape Scaling of Multi-Surface Objects ... The new **surface** is constructed by attaching the original features to a scaled version of the given object. ...[Web Search](#)**Dynamic highlight line generation for locally deforming NURBS surfaces - group of 7 »**

JH Yong, F Cheng, Y Chen, P Stewart, KT Miura - Computer-Aided Design, 2003 - paper.edu.cn

... Jun-Hai Yong a, *, Fuhua (Frank) Cheng a, **Yifan Chen** b, Paul ... is performed through a dynamic control point **manipulation** process. ... NURBS **surface** and rendering ...Cited by 1 - [Web Search](#)**2003 IEEE International Symposium on Computational Intelligence in Robotics and Automation - group of 2 »**

J Kobe - ieeexplore.ieee.org

... **Manipulation** of hidden units activities for fault tolerant ... Using a Learning-Based **Surface** Following Controller ... Study on **Direct** Perception of Collision Avoidance ...[Web Search](#)**IEEE Robotics and Automation Society IEEE Industrial Electronics Society Robotics Society of Japan ...**

E Lausanne - ieeexplore.ieee.org

... Strobl, Guenther Schmidt Affine Trackability for Landmark Selection in Natural Environment 37 Nicolas Vandapel, Raja Chatila Towards **Manipulation**-Driven Vision ...[Web Search](#)

direct surface manipulation "Yifan C

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#)

Welcome United States Patent and Trademark Office

Author Search

BROWSE

SEARCH

IEEE XPLORE GUIDE

Select a name to view articles written by that author

**OPTION 1****Quick Find an Author:**

Enter a name to locate articles written by that author.

Example: Enter Lockett S to obtain a list of authors with the last name Lockett and the first initial S.

**OPTION 2****Browse alphabetically**

Select a letter from the list.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Stewart K.	Stewart K. A.	Stewart I
Stewart K. E.	Stewart L. C.	Stewart I
Stewart L. L.	Stewart Lee E.	Stewart I
Stewart M. B.	Stewart M. D.	Stewart I
Stewart M. E. M.	Stewart M. F.	Stewart I
Stewart P.	Stewart P. A.	Stewart I
Stewart R.	Stewart R. A.	Stewart I
Stewart R. D.	Stewart R. E.	Stewart I
Stewart R. H.	Stewart R. J.	Stewart I
Stewart R. W.	Stewart S.	Stewart I
Stewart S. L.	Stewart S. R.	Stewart I
Stewart T. L.	Stewart T. P.	Stewart I
Stewart W. E.	Stewart W. J.	Stewart I
Stewart W. K. Jr.	Stewart W. L. II	Stewart I
Stewart W. T. Jr.	Stewart-Tull D.	Stewart I
Stewart-Tull D. E. S.	Stewart-Zerba L.	

[Previous 50](#)

 indexed by
[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "((chen<and>(direct<near/2>surface))<in>metadata)"



Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.» **Search Options**[View Session History](#)[New Search](#)**Modify Search**☐ Check to search only within this results set**Display Format:** ☒ Citation ☐ Citation & Abstract» **Key****IEEE JNL** IEEE Journal or Magazine**IEE JNL** IEE Journal or Magazine**IEEE CNF** IEEE Conference Proceeding**IEE CNF** IEE Conference Proceeding**IEEE STD** IEEE Standard**No results were found.**

Please edit your search criteria and try again. Refer to the Help pages if you need assistance with your search.

[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE –


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "(((direct<near/2>surface<near/2>manipulation))<in>metadata)"

e-mail

Your search matched 1 of 1314030 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)**Modify Search**

(((direct<near/2>surface<near/2>manipulation))<in>metadata)

Search

☐ Check to search only within this results set**Display Format:** ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine**IEE JNL** IEE Journal or Magazine**IEEE CNF** IEEE Conference Proceeding**IEE CNF** IEE Conference Proceeding**IEEE STD** IEEE Standard [view selected items](#)[Select All](#) [Deselect All](#)

- ☐ 1. **Direct manipulation of surfaces using NURBS-based free-form deformation**
 Noble, R.A.; Clapworthy, G.J.;
[Information Visualization, 1999. Proceedings. 1999 IEEE International Conference](#)
 14-16 July 1999 Page(s):238 - 243
 Digital Object Identifier 10.1109/IV.1999.781565
[AbstractPlus](#) | Full Text: [PDF\(72 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & ;](#)

© Copyright 2006 IEEE –

 indexed by
 Inspec

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#)

Welcome United States Patent and Trademark Office

Author Search

BROWSE

SEARCH

IEEE XPLORE GUIDE

**OPTION 1****Quick Find an Author:**

Enter a name to locate articles written by that author.

Example: Enter Lockett S to obtain a list of authors with the last name Lockett and the first initial S.

Select a name to view articles written by that author

[Dearborn D. S.](#)[Dearborn M. E.](#)[Dearborn](#)[Dearborn W. R.](#)**OPTION 2****Browse alphabetically**

Select a letter from the list.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)Indexed by
 Inspec[®][Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE

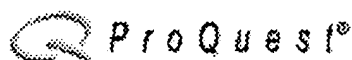
Pro Quest Dissertations

Recent Searches

[Close window](#) | [Help](#)Add terms to your search using:

- | | |
|---|---|
| 5. author(Yifan Chen)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 11 results <input type="button" value="Add to Search"/>
Set Up Alert |
| 4. author(Yifan Chen)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 11 results <input type="button" value="Add to Search"/>
Set Up Alert |
| 3. author(Pietro Buttolo Dearborn)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 0 result <input type="button" value="Add to Search"/>
Set Up Alert |
| 2. author(Pietro Buttolo Dearborn)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 0 result <input type="button" value="Add to Search"/>
Set Up Alert |
| 1. author(Paul Joseph Stewart)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 1 result <input type="button" value="Add to Search"/>
Set Up Alert |

[Close window](#) | [Help](#)

[Return to the USPTO NPL Page](#) | [Help](#)

Basic

Advanced

Topics

Publications

 My Research
0 marked items

Interface language:

English

Databases selected: Multiple databases...

Results – powered by ProQuest® Smart Search**Suggested Topics** [About](#)< Previous | [Next](#) >**Browse Suggested Publications**
[About](#)< Previous | [Next](#) >[Stewart, Paul \(person\)](#)[Stewart, Paul \(person\) AND Stewart, Jackie \(person\)](#)[Stewart, Paul \(person\) AND Riddell, Chris \(person\)](#)[Stewart, Paul \(person\) AND Childrens novels](#)[Fortune; New York](#)[Critical Inquiry; Chicago](#)[Harvard Business Review; Boston](#)1 document found for: *author(Paul Joseph Stewart)* » [Refine Search](#) | [Set Up Alert](#)

Dissertations

☐ Mark all 0 marked items: [Email](#) / [Cite](#) / [Export](#)

Show only full text

Sort results by: [Most rec](#)

- ☐ 1. **Direct shape control of free-form curves and surfaces with generalized basis functions**
by *Stewart, Paul Joseph*, Ph.D., University of Michigan, 1991, 239 pages; AAT 9208661

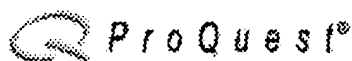
[Abstract](#) [Order a copy](#)

1-1 of 1

Want to be notified of new results for this search? [Set Up Alert](#)

Results per

Basic Search Tools: [Search Tips](#) [Browse Topics](#) [1 Recent Searches](#)Database: [Select multiple databases](#)Date range: Limit results to: ☐ Full text documents only ☐ Scholarly journals, including peer-reviewed [About](#) [More Search Options](#)Copyright © 2006 ProQuest Information and Learning Company. All rights reserved. [Terms and Conditions](#)[Text-only interface](#)


[Return to the USPTO NPL Page](#) | [Help](#)

Basic

Advanced

Topics

Publications

 My Research
0 marked items

Interface language:

English

Databases selected: Multiple databases...

Results – powered by ProQuest® Smart SearchSuggested Topics [About](#)< Previous | [Next](#) >

Browse Suggested Publications

< Previous | [Next](#) >[Taiwan \(location\)](#)[Taiwan \(location\) AND Economic models](#)[Taiwan \(location\) AND Mathematical models](#)[Taiwan \(location\) AND Economic theory](#)[Journal of Financial and Quantitative Analysis: Seattle](#)11 documents found for: *author(Yifan Chen)* >> [Refine Search](#) | [Set Up Alert](#)

All sources

Scholarly Journals

Trade Publications

Dissertations

☐ Mark all 0 marked items: Email / Cite / Export

Show only full text

Sort results by: [Most relevant](#)

- ☐ 1. **Acute antihypertensive action of nitroxides in the spontaneously hypertensive rat**
Kinjal Patel, Yifan Chen, Kathryn Dennehy, Jonathan Blau, et al. *American Journal of Physiology*. Bethesda: Vol. 59, Iss. 1; p. R37

[Abstract](#)

- ☐ 2. **Oxygen availability limits renal NADPH-dependent superoxide production**
Yifan Chen, Pritmohinder S Gill, William J Welch. *American Journal of Physiology*. Bethesda: Oct 2005. p. F749

[Abstract](#)

- ☐ 3. **Development of automated chopper gun trajectory planning for spray forming**
Heping Chen, Ning Xi, Syed Kamran Masood, Yifan Chen, Jeffrey Dahl. *The Industrial Robot*. Bedford: 2001. Iss. 3; p. 297

[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)

- ☐ 4. **CAD-based automated robot trajectory planning for spray painting of free-form surfaces**
Heping Chen, Ning Xi, Weihua Sheng, Mumin Song, Yifan Chen. *The Industrial Robot*. Bedford: 2002. Vol. 28, Iss. 4; p. 426 (8 pages)

[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)

- ☐ 5. **Nonvasomotor influence of sodium nitroprusside on arteriolar remote response to methacholine**
Yifan Chen, Richard J Rivers. *Journal of Vascular Research*. Basel: May/Jun 2001. Vol. 38, Iss. 3; p. 219

[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)

- ☐ 6. **CAD-guided robot motion planning**
Weihua Sheng, Ning Xi, Mumin Song, Yifan Chen. *The Industrial Robot*. Bedford: 2001. Vol. 28, Iss. 2; p. 155 (8 pages)

[Full text](#) [Abstract](#)

- ☐ 7. **Daily exercise and gender influence postexercise cardiac autonomic responses in hypertensive rat**
Chen, Yifan, Chandler, Margaret P, DiCarlo, Stephen E. *American Journal of Physiology*. Bethesda: Mar 2001. Vol. 281, Iss. 3; p. H1412 (7 pages)

[Abstract](#)

- ☐ 8. **Postexercise cardiac autonomic tonus and vascular function in hypertensive rats: Influence of exercise**
by *Chen, Yifan*, Ph.D., **Kent State University**, 1997, 119 pages; AAT 9809244

[Abstract](#) [24 Page Preview](#) [Page Image - PDF](#) [Order a](#)

- ☐ 9. **Acute exercise attenuates cardiac autonomic regulation in hypertensive rats**
Yifan Chen, Margaret P Chandler, Stephen E DiCarlo. **Hypertension**. Baltimore: Oct 1995. Vol. 26, Iss. 4; pages)

[Citation](#)

- ☐ 10. **An educational tool for understanding the cardiopulmonary changes associated with heart failure**
Chen, Yifan, DiCarlo, Stephen E. **Advances in Physiology Education**. Bethesda: Dec 1994. Vol. 12, Iss.

[Abstract](#)

- ☐ 11. **Highlight lines for surface quality control and shape manipulation**
by *Chen, Yifan*, Ph.D., **University of Michigan**, 1993, 181 pages; AAT 9409657

[Abstract](#) [24 Page Preview](#) [Page Image - PDF](#) [Order a](#)

1-11 of 11

Want to be notified of new results for this search? [Set Up Alert](#)

Results per

Did you find what you're looking for? If not, [refine your search](#) below or try these suggestions.[Suggested Topics](#) [About](#)< Previous | [Next >](#)[Browse Suggested Publications](#) [About](#) < Previous[Taiwan \(location\)](#)[Journal of Financial and Quantitative Analysis; Se](#)[Taiwan \(location\) AND Economic models](#)[Taiwan \(location\) AND Mathematical models](#)[Taiwan \(location\) AND Economic theory](#)

Basic Search

[Tools:](#) [Search Tips](#) [Browse Topics](#) [4 Recent Searches](#)Database: [Select multiple databases](#)Date range: Limit results to: ☐ Full text documents only ☐ Scholarly journals, including peer-reviewed [About](#) [More Search Options](#)Copyright © 2006 ProQuest Information and Learning Company. All rights reserved. [Terms and Conditions](#)[Text-only interface](#)